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(57) Abstract: A supplement for humans and animals for helping restore the growth hormone levels. The supplement has antioxidant protection with a combination of amino acids chosen from the group arginine, lysine, omithine, glutamine, carnitine, glycine, methionine and N-acetyl-cysteine. The supplement is provided as a tablet, a capsule, a liquid, whether a suspension or a solution, and for topical application.